

Form PTO-1449  
(REV. 8-83)

US Dept. of Commerce  
PATENT & TRADEMARK OFFICE

ATTY DOCKET NO.  
110227

APPLICATION NO.  
New U. S. Application

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)  
Hideki MATSUDA

FILING DATE  
July 30, 2001

GROUP

1036 U.S. PTO  
09/916677  
07/30/01

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
M.L.	New U. S. Application (attorney docket #110228)	07/30/2001	MATSUDA	—	—

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
M.L. JP A 11-041478 (w/ abstract)	02/12/1999	Japan	—	—
M.L. JP A 11-085952 (w/ abstract)	03/30/1999	Japan	—	—
M.L. JP A 10-105145 (w/ abstract)	04/24/1998	Japan	—	—
M.L. JP A 10-304395 (w/ abstract)	11/13/1998	Japan	—	—
JP A 09-107484 (w/ abstract)	04/22/1997	Japan		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER

MATTHEW LU

DATE CONSIDERED

4/19/03

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
M.L.	1	5,488,434	01/30/1996	Jung	348	603
M.L.	2	5,760,843	06/02/1998	Morimura et al.	348	603
M.L.	3	4,952,917	08/28/1990	Yabuuchi	345	509

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
M.L.	4	WO 94/18790	08/18/1994	WIPO	—	—
M.L.	5	GB 2 341 033 A	03/01/2000	Great Britain	—	—
M.L.	6	EP 0 700 218 A2	03/06/1996	Europe	—	—
M.L.	7	GB 2 335 326 A	09/15/1999	Great Britain	—	—
M.L.	8	JP 09-149337 abstract only	06/06/1997	Japan	—	—
M.L.	9	JP 09-018806 abstract only	01/17/1997	Japan	—	—
M.L.	10	JP 05-100652 abstract only	04/23/1993	Japan	—	—
M.L.	11	JP 07-095558 abstract only	04/07/1995	Japan	—	—
M.L.	12	JP 59-066280 abstract only	04/14/1984	Japan	—	—
M.L.	13	JP 04-127667 abstract only	04/28/1992	Japan	—	—

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


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Date: March 19, 2003